

Best Available CopyListing of the Claims

1. (Original) In a transceiver having a power amplifier and a pair of up-converter mixers, an improved power ramping method comprising:

switching on the power amplifier after an end of a prior packet reception period; and

ramping modulation signals supplied to the up-converter mixers upon initiation of a new packet transmission.

2. (Original) The method as described in Claim 1 wherein the modulation signals are in-phase and quadrature-phase signals.

3. (Original) The method as described in Claim 2 wherein the modulation signals are ramped by monotonically scaling a set of digital words representing the in-phase and quadrature-phase signals.

4. (Original) The method as described in Claim 2 wherein the modulation signals are ramped by applying an analog ramping signal to the in-phase and quadrature-phase signals.

5. (Original) The method as described in Claim 1 further

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including the step of delaying initiation of the new packet transmission for a given time following the end of the prior packet reception period.

6. (Original) The method as described in Claim 1 wherein initiation of the new packet transmission begins with a preamble.

7. (Original) The method as described in Claim 1 wherein the ramping step occurs over a given time period.

Claims 8-16 (Cancelled).

17. (Original) A power ramping method operative in a transmitter having a power amplifier, comprising:

turning off the power amplifier upon initiation of a packet reception;

upon completion of the packet reception, turning on the power amplifier; and

ramping modulation signals supplied to the power amplifier upon initiation of a new packet transmission.

18. (Original) The power ramping method as described in Claim 17

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wherein the modulation signals are in-phase and quadrature-phase signals.

19. (Original) The power ramping method as described in Claim 18 wherein the modulation signals are ramped by monotonically scaling a set of digital words representing the in-phase and quadrature-phase signals.

20. (Original) The power ramping method as described in Claim 17 wherein initiation of the new packet transmission begins with a preamble.

21. (Original) In a spread spectrum transceiver having a power amplifier and a pair of up-converter mixers, an improved power ramping method comprising:

switching on the power amplifier sufficiently in advance of a packet transmission; and

ramping modulation signals supplied to the up-converter mixers upon initiation of a new packet transmission.

Claims 22-25 (Cancelled).